

**SLOVENSKI STANDARD  
SIST EN ISO 6157-2:2004**

**01-november-2004**

**BUXca Yý U  
SIST EN 493:2001**

---

**Vezni elementi - Površinske napake - 2. del: Matice (ISO 6157-2:1995)**

Fasteners - Surface discontinuities - Part 2: Nuts (ISO 6157-2:1995)

Verbindungselemente - Oberflächenfehler - Teil 2: Muttern (ISO 6157-2:1995)

Eléments de fixation - Défauts de surface - Partie 2: Ecrous (ISO 6157-2:1995)

**iTeh STANDARD PREVIEW  
(standards.iteh.ai)**

**Ta slovenski standard je istoveten z: EN ISO 6157-2:2004**

[https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-](https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004)

[457168726378/sist-en-iso-6157-2-2004](https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004)

---

**ICS:**

21.060.20     Matice                                     Nuts

**SIST EN ISO 6157-2:2004                                     en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 6157-2:2004](#)

<https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 6157-2**

July 2004

ICS 21.060.20

Supersedes EN 493:1992

English version

**Fasteners - Surface discontinuities - Part 2: Nuts (ISO 6157-2:1995)**

Eléments de fixation - Défauts de surface - Partie 2: Ecrous  
(ISO 6157-2:1995)

Verbindungselemente - Oberflächenfehler - Teil 2: Muttern  
(ISO 6157-2:1995)

This European Standard was approved by CEN on 1 July 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

**iTeh STANDARD PREVIEW**

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

[SIST EN ISO 6157-2:2004](https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004)

<https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004>



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

**EN ISO 6157-2:2004 (E)****Foreword**

The text of ISO 6157-2:1995 has been prepared by Technical Committee ISO/TC 2 "Fasteners" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 6157-2:2004 by Technical Committee CEN/TC 185 "Threaded and non-threaded mechanical fasteners and accessories", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

This document supersedes EN 493:1992.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

**iTeh STANDARD PREVIEW**  
**Endorsement notice**  
**(standards.iteh.ai)**

The text of ISO 6157-2:1995 has been approved by CEN as EN ISO 6157-2:2004 without any modifications.

[SIST EN ISO 6157-2:2004](#)

NOTE Normative references to International Standards are listed in annex ZA (normative).

[457168726378/sist-en-iso-6157-2-2004](#)

## Annex ZA (normative)

### Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 898-2	1992	Mechanical properties of fasteners - Part 2: Nuts with specified proof load values - Coarse thread	EN 20898-2	1993
ISO 2320	1997	Prevailing torque type steel hexagon nuts - Mechanical and performance requirements	EN ISO 2320	1997
ISO 3269	2000	Fasteners - Acceptance inspection	EN ISO 3269	2000

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 6157-2:2004](#)

<https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004>

INTERNATIONAL  
STANDARD

**ISO**  
**6157-2**

First edition  
1995-08-01

---

---

**Fasteners — Surface discontinuities —**

**Part 2:**

Nuts

iTeh STANDARD PREVIEW

(standards.iteh.ai)

*Éléments de fixation — Défauts de surface —*

*Partie 2: Écrous 6157-2:2004*

<https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-457168726378/sist-en-iso-6157-2-2004>



Reference number  
ISO 6157-2:1995(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6157-2 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 1, *Mechanical properties of fasteners*.

<https://standards.iteh.ai/catalog/standards/sist/7b6cad7b-61f9-4096-9141-6820d830e904>

ISO 6157 consists of the following parts, under the general title *Fasteners — Surface discontinuities*:

- Part 1: *Bolts, screws and studs for general requirements*
- Part 2: *Nuts*
- Part 3: *Bolts, screws and studs for special requirements*

© ISO 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland



# Fasteners — Surface discontinuities —

## Part 2: Nuts

### 1 Scope

This part of ISO 6157 establishes limits for various types of surface discontinuities on nuts.

It applies to nuts with

- nominal thread diameters from 5 mm up to and including 39 mm;
- product grades A and B;
- all property classes according to ISO 898-2 and ISO 898-6, unless otherwise specified in product standards or agreed between supplier and purchaser.

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 6157. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 6157 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 468:1982, *Surface roughness — Parameters, their values and general rules for specifying requirements.*

ISO 898-2:1992, *Mechanical properties of fasteners — Part 2: Nuts with specified proof load values — Coarse thread.*

ISO 898-6:1994, *Mechanical properties of fasteners — Part 6: Nuts with specified proof load values — Fine pitch thread.*

ISO 2320:1983, *Prevailing torque type steel hexagon nuts — Mechanical and performance properties.*

ISO 3269:1988, *Fasteners — Acceptance inspection.*

ISO 10484:—<sup>1)</sup>, *Widening test on nuts.*

ISO 10485:1991, *Cone proof load test on nuts.*

1) To be published.